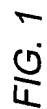


APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
	435 6	
DRAFTSMAN		

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+

O.G. FIG.	
CLASS	SUBCLASS
435	6
APPROVED BY	DRAFTSMAN

T04280" 6T6E660

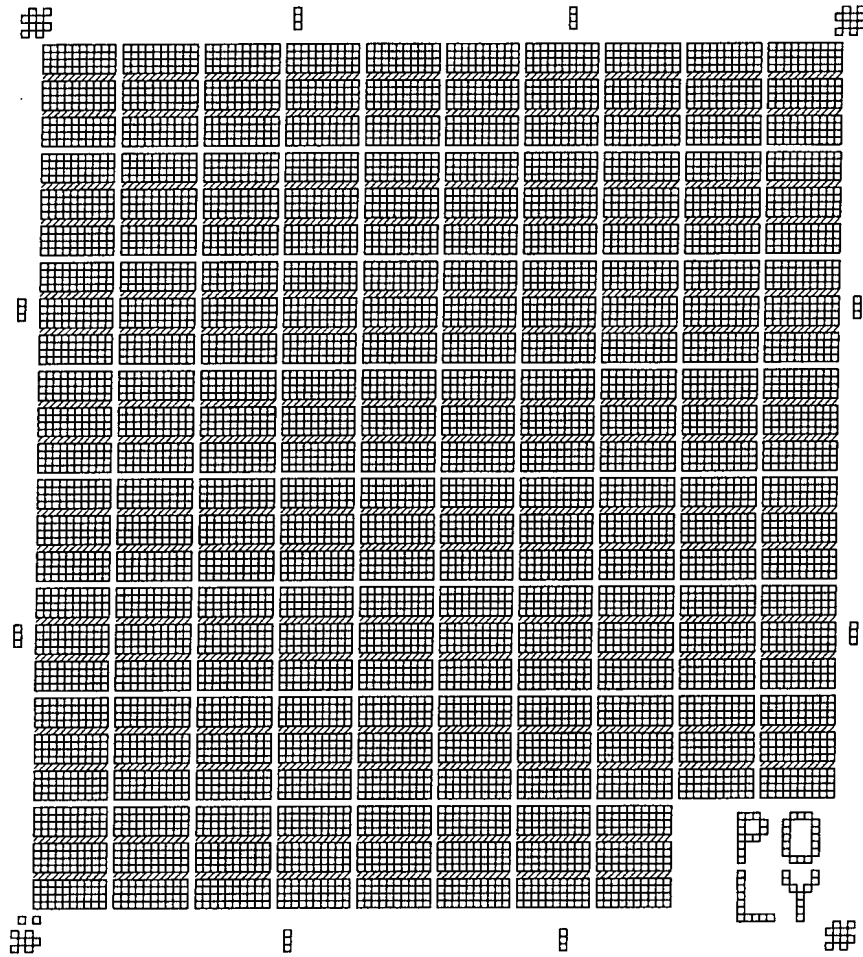
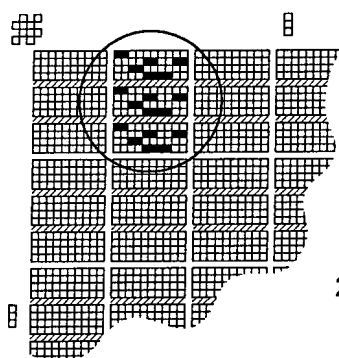


FIG. 2A

APPROVED	O.G. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS
	435 6

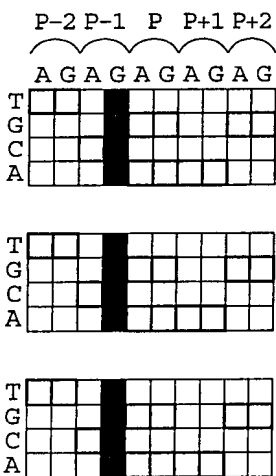
FIG. 2B



# SEQUENCE AT POLYMORPHISM WI-567

5' TGCTGCCTTGGTTC [A/G] AGCCCTCATCTCTTT 3'

THREE BLOCKS OF COMPLEMENTARY 20-MER OLIGOS WITH SUBSTITUTIONS (N) 7, 10 AND 13 BP FROM THE 3' END



## BASES IN THE SHADED COLUMNS

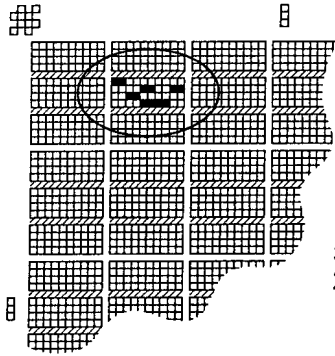
3' BLOCK 20/7 5'  
AACCAAN [C] TCGGGAGTAGAG

3' BLOCK 20/10 5'  
CGGAACCAAN [C] TCGGGAGTA

3' BLOCK 20/13 5'  
CGACGGAACCAAN [C] TCGGGA

FIG. 2B

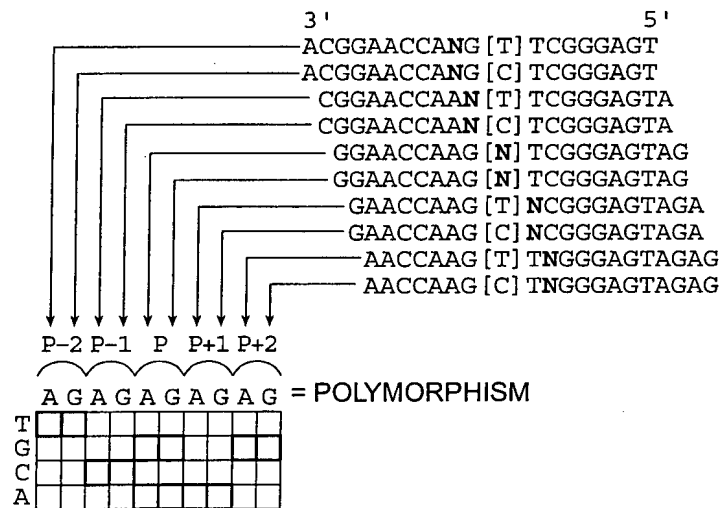
APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	6360



## SEQUENCE AT POLYMORPHISM WI-567

5' TGCTGCCTTGGTTC (A/G) AGCCCTCATCTCTTT 3'

SYNTHESIZE BLOCK OF COMPLEMENTARY  
20-MER OLIGOS WITH SUBSTITUTIONS (N)  
10 BP FROM THE 3' END



## PREDICTED PATTERNS

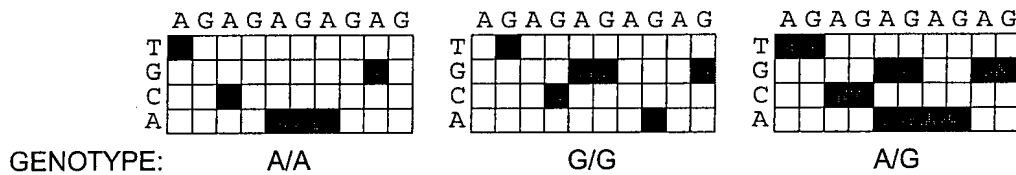


FIG. 3



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APPROVED	O.G. FIG.
BY	CLASS
DRAFTSMAN	SUBCLASS
	4356

FOR "6T6660"

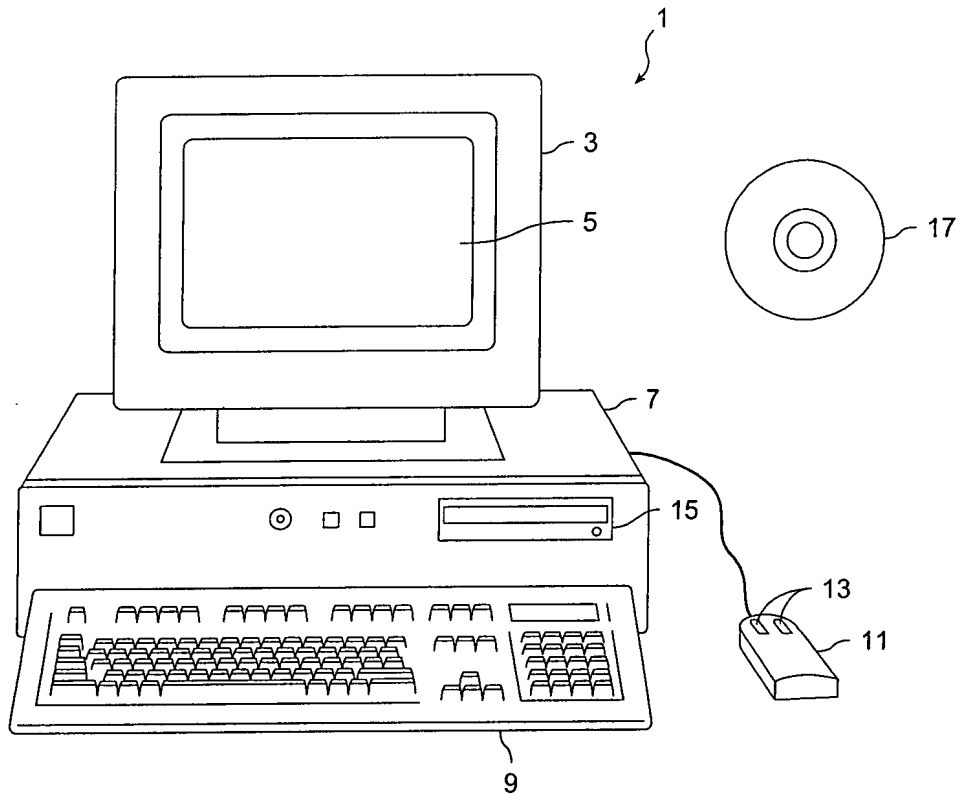


FIG. 5

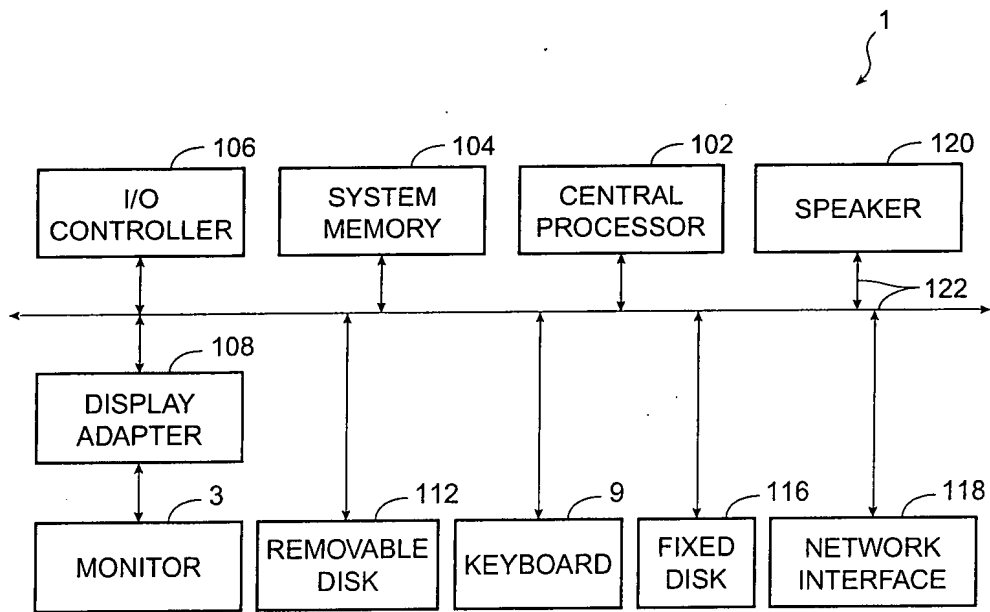


FIG. 6

+

	P-2		P-1		P0		P+1		P+2	
	X	Y	X	Y	X	Y	X	Y	X	Y
A										
C										
G										
T										

FIG. 7

	T		C		A		G	
	A	G	A	G	A	G	A	G
A	nd	nd	nd	nd	nd	nd	nd	nd
C	nd	nd	DD	nd	nd	nd	nd	nd
G	nd	nd	nd	nd	nd	nd	nd	nd
T	nd	nd	NN	nd	nd	nd	nd	nd

FIG. 8

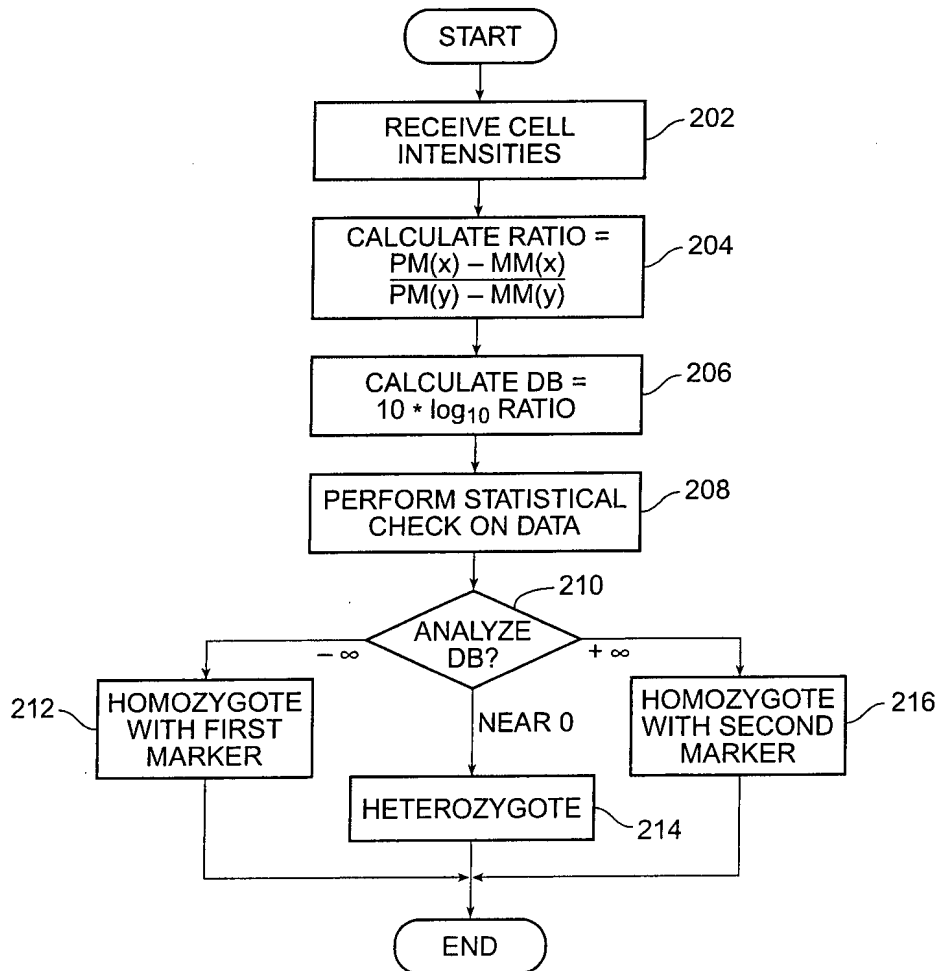


FIG. 9

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
DRAFTSMAN	6356

T04280" 6TF6E660

APPROVED	O.G. FIG.	CLASS	SUBCLASS
BY		455	60
DRAFTSMAN			

TOP SECRET

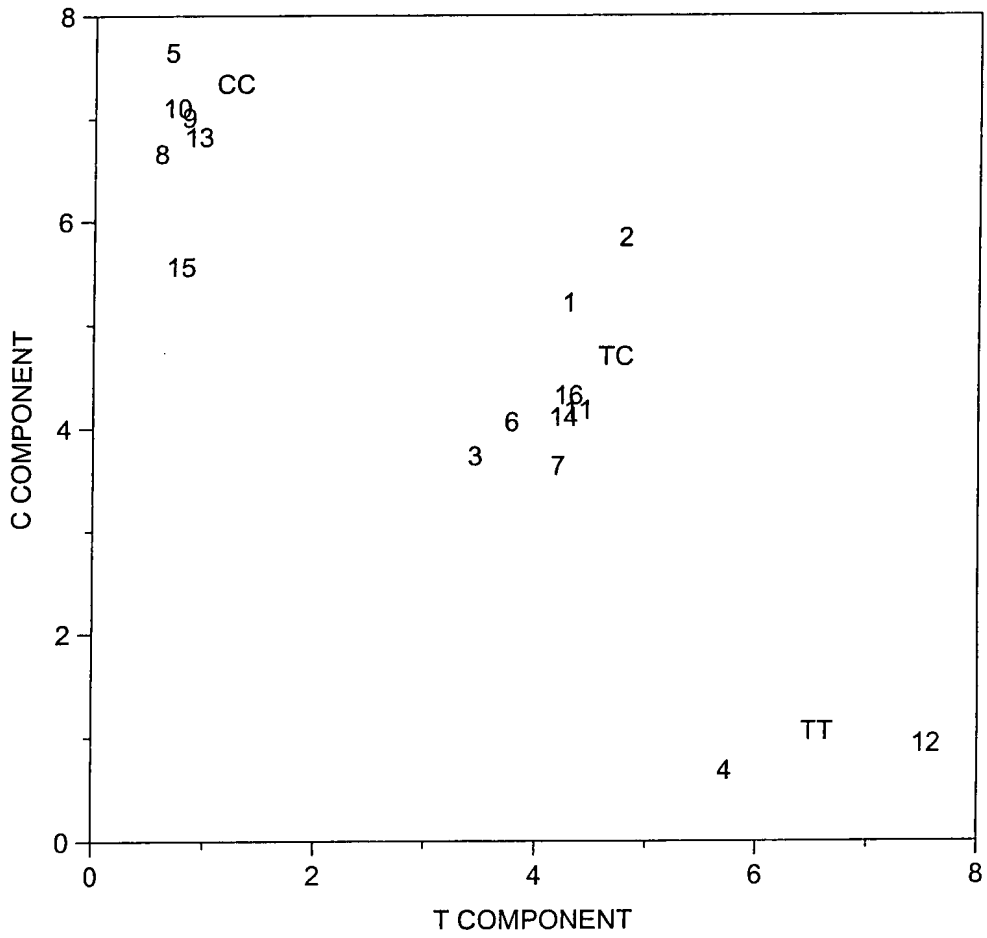


FIG. 10



APPROVED	O.G. FIG.
BY	CLASS   SUBCLASS
DRAFTSMAN	4356

FIG. 11

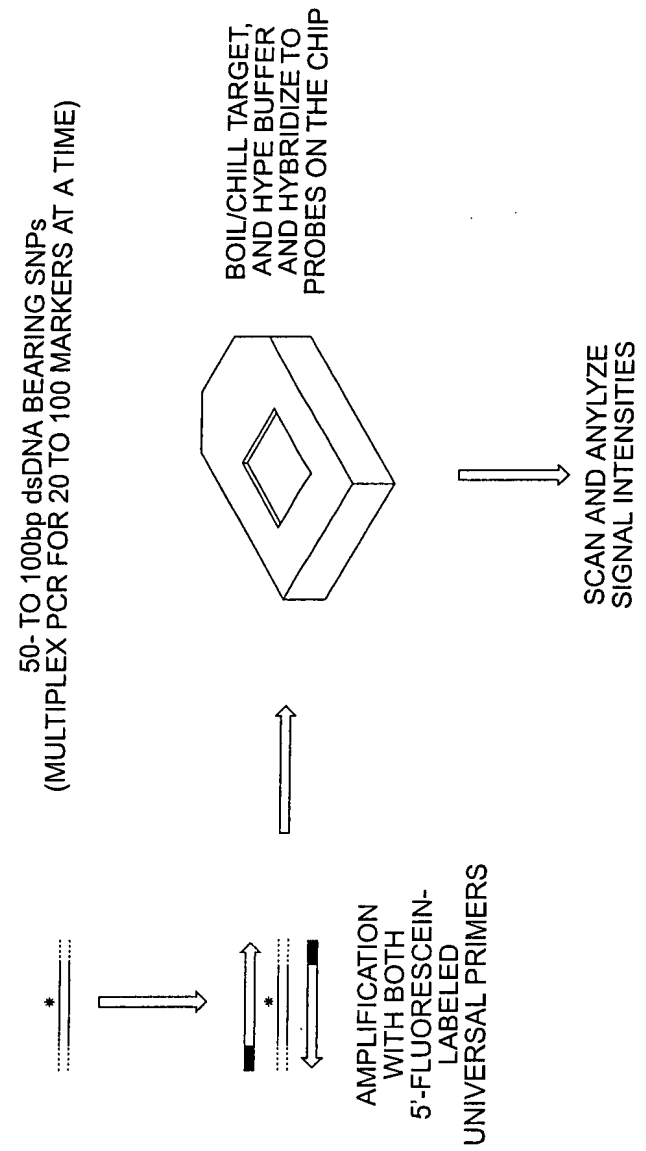


FIG. 11

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DB = "DECIBELS"

 $= 10 \times \log (\text{DETECTION RATIO})$ 

DETECTION RATIO

$$= \frac{A \text{ PERFECT MATCH} - A \text{ MISMATCHES}}{B \text{ PERFECT MATCH} - B \text{ MISMATCHES}}$$

$$C = \text{SIGNIFICANCE CHECK} = \frac{\text{MAX (A OR B PERFECT MATCH)}}{\sigma (\text{A OR B MISMATCHES})} > 2$$

$$P = \text{PATTERN MATCHING} = \frac{\text{MEAN [MAX (A OR B PERFECT MATCHES)]}}{\text{MEAN [MAX (A OR B MISMATCHES)]}} > 1.2$$

APPROVED	O.G. FIG.	SUBCLASS
	CLASS	
BY	4356	
DRAFTSMAN		

## PREDICTED PATTERNS

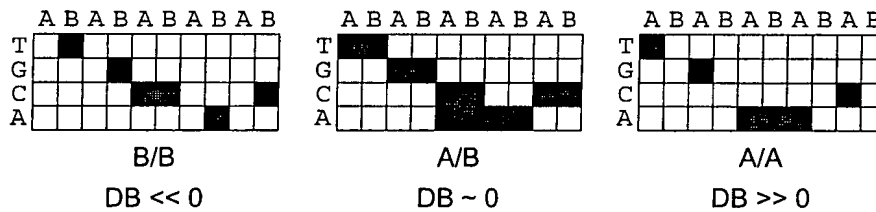


FIG. 12

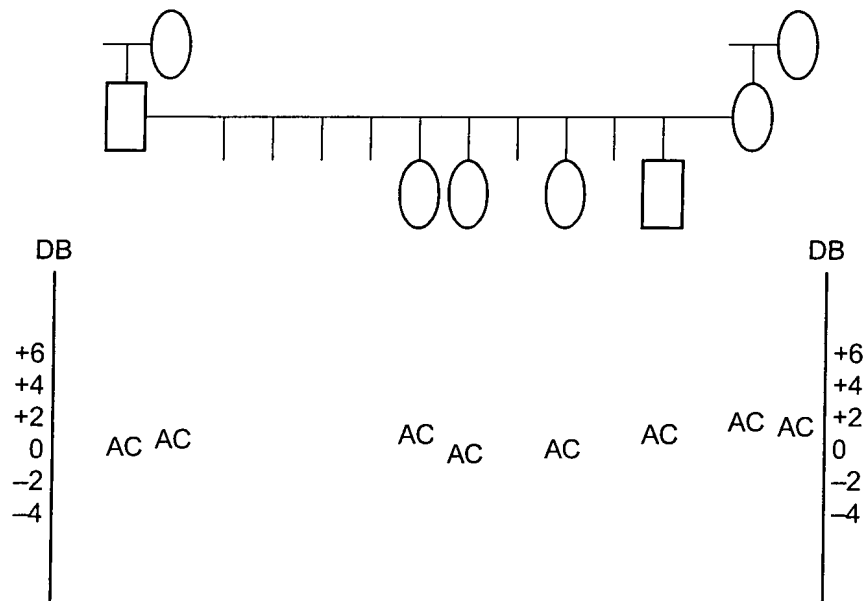


FIG. 13

104280-6T6E660

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